

### THIR UNITED STATES OF ANTERIOA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

Syngenta Seeds, Inc.

MILEURS, THERE HAS BEEN PRESENTED TO THE

### Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED DISTINCT VARIETY OF SEXUALLY REPRODUCED, OR TUBER PROPAGATED PLANT. THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF TWENTY YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLEVISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE UGHT TO EXCLUDE OTHERS FROM SELLING THE VARIETY OF OFFERING IT FOR SALE, OR REPRODUCING IT, OR PRING IT, OR EXPORTING IT, OR CONDITIONING IT FOR PROPAGATION, OR STOCKING IT FOR ANY OF THE PURPOSES, OR USING IT IN PRODUCING A HYBRID OR DIFFERENT VARIETY THEREFROM, TO THE EXTENT A D BY THE PLANT VARIETY PROTECTION ACT. (84 STAT. 1542, AS AMENDED, 7 U.S.C. 2321 ET SEQ.)

BEAN, GARDEN

'Nash'

In Testimonn Thereof, I have hereunto set my hand and caused the seal of the Hunt Huristy Protection Office to be affixed at the City of Washington, D.C. this fifth day of February, in the year two thousand and eight.

Allast.

Blog

Commissioner Plant Variety Protection Office Agricultural Murketing Service Edward 4: Schafe

Secretary of Agriculture

Fabaceae	REPRODUCE LOCALLY. Include form number and date	te on all re	productions			·	Form Approved - OMB No. 0581-0055		
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USA  7. FIRE OWNER NAMED IS NOT A "PERSON", SIVE IS IN INCORPORATION, GIVE STATE OF INCORPORATION  COrporation  10. NAME AND ADDRESS OF DYNAER REPRESENTATIVES) TO SERVE IN THIS APPLICATION. (First person isseed will reveive all papers)  10. NAME AND ADDRESS OF DYNAER REPRESENTATIVES) TO SERVE IN THIS APPLICATION. (First person isseed will reveive all papers)  10. NAME AND ADDRESS OF DYNAER REPRESENTATIVES) TO SERVE IN THIS APPLICATION. (First person isseed will reveive all papers)  10. NAME AND ADDRESS OF DYNAER REPRESENTATIVES) TO SERVE IN THIS APPLICATION. (First person isseed will reveive all papers)  10. NAME AND ADDRESS OF DYNAER REPRESENTATIVES; TO SERVE IN THIS APPLICATION. (First person isseed will reveive all papers)  10. NAME AND ADDRESS OF DYNAER REPRESENTATIVES; TO SERVE IN THIS APPLICATION. (First person isseed will reveive all papers)  10. NAME AND ADDRESS OF DYNAER REPRESENTATIVES; TO SERVE IN THIS APPLICATION. (First person isseed will reveive all papers)  11. TELEPHONE (Include sizes acces)  12. FAX, Sinclude sizes acces)  13. FAMILIA  14. CERTIFICATION THESE  15. FAMILIA  15. FAMILIA  16. CERTIFICATION THE SIZE ADDRESS OF THE ASSESSMENT TO SIZE ADDRESS OF THE ASSESSMENT				6. FAX (includ	e area code)		#200700414		
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Section   Sect	Corporation		Delaware	02/25/19	75		1700031111200		
KIM Briggs c/o Syngenta Seeds, Inc. 6338 Highway 20-26 Nampa, ID 83687  11. TILEPHONE (Probab area code) 208-467-4559 208-467-4559 31. CORP KIND (Common Name) 12. FAX (Incute area code) 13. FAXIII YANKE (Balance) 14. CROP KIND (Common Name) 15. FAXIII YANKE (Balance) 16. CROP KIND (Common Name) 17. TILE VARIETY A FIRST GENERATION HYBRID 17. CROP KIND (Common Name) 18. DOES THE WARLETY CONTAIN ANY TRANSGENESY (OPTIONAL) 19. CROP KIND (Common Name)	10. NAME AND ADDRESS OF OWNER REPRESEN	NTATIVE(S	) TO SERVE IN THIS APPLICATION	ON. (First person	listed will receive all papers)		4 _		
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1.6. CROP KIND (Common Name)   16. FAMILY NAME (Botanical)   Fabraceae   16. FAMILY NAME (Botanical)   Fabraceae   17. Is THE WARRETY A FIRST GENERATION HYBRID?   YES   NO   NO STAND SPECIES NAME OF CROP   17. Is THE WARRETY A FIRST GENERATION HYBRID?   YES   NO   NO STAND SPECIES NAME OF CROP   17. Is THE WARRETY A FIRST GENERATION HYBRID?   YES   NO   NO DESTRICT WARRETY FOR THE APPROVED PETITION TO DEREQULATE THE GENERACITY MODIFIED PLANT FOR COMMERCILIZATION   YES   NO   NO DESTRICT WARRETY GENERATION HYBRID?   YES   NO   NO DESTRICT WARRETY GENERATION HYBRID?   20. DOES THE OWNER SPECIES UPT THAT SEED OF THIS WARRETY GENERATION AND INTERPRETATION HYBRID?   YES   NO   SENDING A SA CLASS (CERTIFIED SEED COMMERCILIZATION AND INTERPRETATION AND INTERPRETATION AND INTERPRETATION AND INTERPRETATION AND INTERPRETATION HYBRID?   NO DESTRICT WARRETY GENERAL OR A SA CLASS (CERTIFIED SEED COMMERCILIZATION AND INTERPRETATION AND INTERP	. 1	1	•						
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19. CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTED (Follow instructions on reverse)  19. CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTED (Follow instructions on reverse)  20. DOES THE OWNER SPECIFY THAT SEED OF THIS WARIETY BE SOLD AS A CLASS OF CERTIFICID SECIETY (See Section 83) gold into Plant Wariety Protection And Act of Plant Section 42, and 32 below)  21. DOES THE OWNER SPECIFY THAT SEED OF THIS WARIETY BE LIMITED AS TO NUMBER OF CLASSES?  22. DOES THE OWNER SPECIFY THAT SEED OF THIS WARIETY BE LIMITED AS TO NUMBER OF CLASSES?  23. DOES THE OWNER SPECIFY THAT SEED OF THIS WARIETY BE LIMITED AS TO NUMBER OF CLASSES?  24. DOES THE OWNER SPECIFY THAT SEED OF THIS WARIETY BE LIMITED AS TO NUMBER OF CREATIONS?  25. DOES THE OWNER SPECIFY THAT SEED OF THIS WARIETY BE LIMITED AS TO NUMBER OF CREATIONS?  26. Exhibit C. Objective Description of the Veriety (Optional)  27. DOES THE OWNER SPECIFY THAT SEED OF THIS WARIETY BE LIMITED AS TO NUMBER OF CREATIONS?  28. Exhibit P. Delication Regarding Depost  29. Voucher Sample (3,000 wisble untreated seeds or, for tubor propagated varieties, verification that its sour entire will be deposited and maintained in an approved public repository)  29. FOUNDATION REGISTERED CERTIFIED  20. Exhibit E. Delication Regarding Deposit  20. If YES, PECIFY THE NUMBER 1,2,3, etc. FOR EACH CLASS.  20. If YES, PECIFY THE NUMBER 1,2,3, etc. FOR EACH CLASS.  21. If THE NUMBER 1,2,3, etc. FOR EACH CLASS.  22. If STEVENIETY (INCLUDION ANY HARKESTED MATERIAL) OR A HYBRID PRODUCED FROM THIS WARIETY BE SECURITY OR ANY COMPONENT OF THE VARIETY PROTECTED BY INTELLECTUAL PROPERTY RICH (PLANT BREEDER'S RICHT OR PATENTY)  22. THE NUMBER OF COUNTRY, DATE OF FILIN OR ISSUANCE AND ASSIGNED REFERENCE NUMBER; (Please use uses pace indicated on reverse.)  23. HAS THE VARIETY SECURETY OR ANY COMPONENT OF THE VARIETY PROTECTED BY INTELLECTUAL PROPERTY RICHT (PLANT BREEDER'S RICHT (PLANT	15. GENUS AND SPECIES NAME OF CROP	17. IS TH	E VARIETY A FIRST GENERATION	ON HYBRID?					
(Follow instructions on reverse)  a.	Phaseolus vulgaris L.		YES 🔽 NO		COMMERICALIZATION.				
a. ☐ Exhibit A. Origin and Breading History of the Variety  b. ☐ Exhibit B. Statement of Distinchess  c. ☐ Exhibit C. Objective Description of Variety  d. ☐ Exhibit D. Additional Description of the Variety (Optional)  e. ☐ Exhibit D. Additional Description of the Variety (Optional)  e. ☐ Exhibit D. Declaration Regarding Deposit  g. ☐ Voucher Sample (3,000 viable untreated seeds or, for tubor propagated varieties, verification that itssue culture will be deposited and maintained in an approved public repository)  h. ☐ Fing and Examination Fee (4.3.32), made payable to Treasurer of the United States' (Malto the Plant Variety Protection Office)  22. DOES THE OWNER SPECIFY THAT SEED OF THIS VARIETY BE LIMITED AS TO NUMBER OF GENERATIONS?  □ YES □ NO  If YES, SPECIFY THE NUMBER 1,2.3, etc. FOR EACH CLASS.  □ FOUNDATION □ REGISTERED □ CERTIFIED (If debitional explanation is necessary, please use the space indicated on the reverse.)  23. HAS THE VARIETY SEEN SOLD, DISPOSED OF, TRANSFERRED, OR USED IN THE U.S. OR OTHER COUNTRY AND THE CIRCUMSTANCES. (Please use space indicated on reverse.)  24. IS THE VARIETY OR ANY COMPONENT OF THE VARIETY PROTECTED BY INTELLECTUAL PROPERTY RIGHT (PLANT PREEDER'S RIGHT OR PATENT?)  25. The owners declare that a viable sample of basic seed of the variety has been furnished with application and will be replenshed upon request in accordance with such regulations as may be applicable, or for a Liber propagated variety at issue culture will be deposited in a public reposition and maintained for the duration of the certificate.  25. The owners declare that a viable sample of basic seed of the variety has been furnished with application and will be replenshed upon request in accordance with such regulations as may be applicable, or for a Liber propagated variety at issue culture will be deposited in a public reposition and will be replenshed upon request in accordance with such regulations as may be applicable, or for the certificate.  25. The owners declare that a viable sample of basic se		CHMENT S	BUBMITTED						
b Exhibit B. Statement of Distinchness  c Exhibit D. Additional Description of Variety  d Exhibit D. Additional Description of the Variety (Optional)  e Exhibit B. Statement of the Basis of the Owner's Ownership  f Exhibit F. Declaration Regarding Deposit  g Voucher Sample (3,000 viable untreated seeds or, for tuber propagated varieties, verification that its sue cutture will be deposited and maintained in an approved public repository)  h Filing and Examination Reg (43,320), made payable to _ Treasurer of the United States' (Mail to the Plant Variety Protection Office)  23. HAS TIRE YES, YOU MUST PROVIDE THE DATE OF FIRST SALE, DISPOSITION, TRANSFERRED, OR USED IN THE U. S. OR  IF YES, YOU MUST PROVIDE THE DATE OF FIRST SALE, DISPOSITION, TRANSFER, OR USE FOR EACH COUNTRY, NATO THE CIRCUMSTANCES, (Flease use space indicated on reverse.)  25. The owners declare that a visible sample of basic seed of the variety has been furnished with application and maintained for the duration of the ethicitate.  The undersigned owner(s) is(are) the owner of this sexually reproduced or tuber propagated plant variety, and believe(s) that the variety is new, distinct, uniform, and stable as required in Section 42, and is entitled to protection under the provisions of Section 42 of the Plant Variety Protection Act.  Owner(s) is (are) informed that false representation herein can jeopardize protection and result in penalities.  SIGNATURE OF OWNER  NAME (Please print or type)  Kim Briggs  CAPACITY OR TITLE  DATE	` <b>—</b>	of the Varie	ty		YES (if "yes", ar	nswer items 21 and	d 22 below) 🔽 NO (if "no", go to item 23)		
d.   Exhibit D. Additional Description of the Variety (Optional) e.   Exhibit E. Statement of the Basis of the Owner's Ownership f.   Exhibit F. Declaration Regarding Deposit g.   Voucher Sample (3,000 viable untreated seeds or, for tuber propagated varieties, verification that dissue culture will be deposited and maintained in an approved public repository) h.   Figure 1   Foundation   Fee (54.382), made payable to Tressurer of the United States" (Mail to the Peant Variety Protection Office)  23.   HASTHEV ANNETTY (INCLUDING ANY HARVESTED MATERIAL) OR A HYBRID PRODUCED FROM THIS VARIETY BEEN SOLD, DISPOSED OF, TRANSFERRED, OR USED IN THE U.S. OR OFFICE ACCOUNTRIES?   Yes   NO   IF YES, YOU MUST PROVIDE THE DATE OF FIRST SALE, DISPOSITION, TRANSFER, OR USE FOR EACH COUNTRY AND THE CIRCUMSTANCES. (Please use space indicated on neverse.)  25. The owners declare that a viable sample of basic seed of the variety has been furnished with application and will be replicated on everses.)  26. The undersigned owner(s) is (are) the owner of this sexually reproduced or tuber propagated plant variety, and believe(s) that the variety is new, distinct, uniform, and stable as required in Section 42, and is sentilized protection under the provisions of Section 42 of the Plant Variety Protection Act.  Owner(s) is (are) informed that false representation herein can jeopardize protection and result in penalties.  SIGNATURE OF OWNER  NAME (Please print or type)  Kim Briggs  CAPACITY OR TITLE  DATE  IF YES, WHICH CLASSES?   FOUNDATION   REGISTERED   CAPACITY OR TITLE   DATE	b. Z Exhibit B. Statement of Distinctness				21. DOES THE OWNER SF NUMBER OF CLASSES?	PECIFY THAT SEE	D OF THIS VARIETY BE LIMITED AS TO		
e.	c. Z Exhibit C. Objective Description of Varie	ety			☐ YES ☐ NO				
e.	d. D Exhibit D. Additional Description of the V	Variety (Op	tional)						
g.	e. 🗹 Exhibit E. Statement of the Basis of the	Owner's O	wnership				ED OF THIS VARIETY BE LIMITED AS TO		
that tissue culture will be deposited and maintained in an approved public repository)  h.	f. Exhibit F. Declaration Regarding Depos	sit			YES NO				
h. Filing and Examination Fee (\$4,382), made payable to "Treasurer of the United States" (Mail to the Plant Variety Protection Office)  23. HAS THE VARIETY (INCLUDING ANY HARVESTED MATERIAL) OR A HYBRID PRODUCED FROM THIS VARIETY BEEN SOLD, DISPOSED OF, TRANSFERRED, OR USED IN THE U. S. OR OTHER COUNTRY?  24. IS THE VARIETY OR ANY COMPONENT OF THE VARIETY PROTECTED BY INTELLECTUAL PROPERTY RIGHT (PLANT BREEDER'S RIGHT OR PATENT)?  25. THE OWNERS declare that a viable sample of basic seed of the variety has been furnished with application and will be replenished upon request in accordance with such regulations as may be applicable, or for a tuber propagated variety a tissue culture will be deposited in a public repository and maintained for the duration of the certificate.  The undersigned owner(s) is(are) the owner of this sexually reproduced or tuber propagated plant variety, and believe(s) that the variety is new, distinct, uniform, and stable as required in Section 42, and is entitled to protection under the provisions of Section 42 of the Plant Variety Protection and result in penalties.  SIGNATURE OF OWNER  NAME (Please print or type)  Kim Briggs  DATE  CERTIFIED  (If additional explanation is necessary, please use the space indicated on the reverse.)  24. IS THE VARIETY OR ANY COMPONENT OF THE VARIETY PROTECTED BY INTELLECTUAL PROPERTY RIGHT (PLANT BREEDER'S RIGHT OR PATENT)?  17. YES  18. INTELLECTUAL PROPERTY RIGHT (PLANT BREEDER'S RIGHT OR PATENT)?  18. INTELLECTUAL PROPERTY RIGHT (PLANT BREEDER'S RIGHT OR PATENT)?  19. YES  10. NO  19. YES  10. YE					IF YES, SPECIFY THE	NUMBER 1,2,3, et	tc. FOR EACH CLASS.		
States" (Mail to the Plant Variety Protection Office)  23. HAS THE VARIETY (INCLUDING ANY HARVESTED MATERIAL) OR A HYBRID PRODUCED FROM THIS VARIETY BEEN SOLD, DISPOSED OF, TRANSFERRED, OR USED IN THE U.S. OR OTHER COUNTRIES?  24. IS THE VARIETY (INCLUDING ANY HARVESTED MATERIAL) OR A HYBRID PRODUCED FROM THIS VARIETY BEEN SOLD, DISPOSED OF, TRANSFERRED, OR USED IN THE U.S. OR OTHER COUNTRIES?  25. THE VES, YOU MUST PROVIDE THE DATE OF FIRST SALE, DISPOSITION, TRANSFER, OR USE FOR EACH COUNTRY AND THE CIRCUMSTANCES. (Please use space indicated on reverse.)  26. The owners declare that a viable sample of basic seed of the variety has been furnished with application and will be replenished upon request in accordance with such regulations as may be applicable, or for a tuber propagated variety a tissue culture will be deposited in a public repository and maintained for the duration of the certificate.  The undersigned owner(s) is(are) the owner of this sexually reproduced or tuber propagated plant variety, and believe(s) that the variety is new, distinct, uniform, and stable as required in Section 42, and is entitled to protection under the provisions of Section 42 of the Plant Variety Protection Act.  Covner(s) is (are) informed that false representation herein can jeopardize protection and result in penalties.  SIGNATURE OF OWNER  NAME (Please print or type)  Kim Briggs  CAPACITY OR TITLE  DATE	_				L		··· · <b>-</b>		
OTHER COUNTRIES?  YES NO NO  IF YES, YOU MUST PROVIDE THE DATE OF FIRST SALE, DISPOSITION, TRANSFER, OR USE FOR EACH COUNTRY AND THE CIRCUMSTANCES. (Please use space indicated on reverse.)  25. The owners declare that a viable sample of basic seed of the variety has been furnished with application and will be replenished upon request in accordance with such regulations as may be applicable, or for a tuber propagated variety a tissue culture will be deposited in a public repository and maintained for the duration of the certificate.  The undersigned owner(s) is(are) the owner of this sexually reproduced or tuber propagated plant variety, and believe(s) that the variety is new, distinct, uniform, and stable as required in Section 42, and is entitled to protection under the provisions of Section 42 of the Plant Variety Protection Act.  Cwner(s) is (are) informed that false representation herein can jeopardize protection and result in penalties.  SIGNATURE OF OWNER  NAME (Please print or type)  Kim Briggs  CAPACITY OR TITLE  DATE	States" (Mail to the Plant Variety Protects  23. HAS THE VARIETY (INCLUDING ANY HARVES)	ion Office) TED MATE	RIAL) OR A HYBRID PRODUCE		24. IS THE VARIETY OR A	NY COMPONENT	OF THE VARIETY PROTECTED BY		
IF YES, YOU MUST PROVIDE THE DATE OF FIRST SALE, DISPOSITION, TRANSFER, OR USE FOR EACH COUNTRY AND THE CIRCUMSTANCES. (Please use space indicated on reverse.)  If YES, PLEASE GIVE COUNTRY, DATE OF FILING OR ISSUANCE AND ASSIGNED REFERENCE NUMBER. (Please use space indicated on reverse.)  25. The owners declare that a viable sample of basic seed of the variety has been furnished with application and will be replenished upon request in accordance with such regulations as may be applicable, or for a tuber propagated owner(s) is (are) the owner of this sexually reproduced or tuber propagated plant variety, and believe(s) that the variety is new, distinct, uniform, and stable as required in Section 42, and is entitled to protection under the provisions of Section 42 of the Plant Variety Protection and result in penalties.  SIGNATURE OF OWNER  SIGNATURE OF OWNER  SIGNATURE OF OWNER  MAME (Please print or type)  Kim Briggs  CAPACITY OR TITLE  DATE	OTHER COUNTRIES?	OF, IRAN	SFERRED, OR USED IN THE U.	S. OR					
25. The owners declare that a viable sample of basic seed of the variety has been furnished with application and will be replenished upon request in accordance with such regulations as may be applicable, or for a tuber propagated variety a tissue culture will be deposited in a public repository and maintained for the duration of the certificate.  The undersigned owner(s) is(are) the owner of this sexually reproduced or tuber propagated plant variety, and believe(s) that the variety is new, distinct, uniform, and stable as required in Section 42, and is entitled to protection under the provisions of Section 42 of the Plant Variety Protection Act.  Owner(s) is (are) informed that false representation herein can jeopardize protection and result in penalties.  SIGNATURE OF OWNER  NAME (Please print or type)  Kim Briggs  CAPACITY OR TITLE  DATE  DATE	IF YES, YOU MUST PROVIDE THE DATE OF F				IF YES, PLEASE GIVE COUNTRY, DATE OF FILING OR ISSUANCE AND ASSIGNED				
for a tuber propagated variety a tissue culture will be deposited in a public repository and maintained for the duration of the certificate.  The undersigned owner(s) is(are) the owner of this sexually reproduced or tuber propagated plant variety, and believe(s) that the variety is new, distinct, uniform, and stable as required in Section 42, and is entitled to protection under the provisions of Section 42 of the Plant Variety Protection Act.  Owner(s) is (are) informed that false representation herein can jeopardize protection and result in penalties.  SIGNATURE OF OWNER  NAME (Please print or type)  Kim Briggs  CAPACITY OR TITLE  DATE  DATE	<b>.</b>		·		Ļ.	<u> </u>			
entitled to protection under the provisions of Section 42 of the Plant Variety Protection Act.  Owner(s) is (are) informed that false representation herein can jeopardize protection and result in penalities.  SIGNATURE OF OWNER  SIGNATURE OF OWNER  NAME (Please print or type)  Kim Briggs  CAPACITY OR TITLE  DATE  DATE	for a tuber propagated variety a tissue culture wi	ill be depos	sited in a public repository and ma	intained for the d	uration of the certificate.				
SIGNATURE OF OWNER  SIGNATURE OF OWNER  NAME (Please print or type)  Kim Briggs  CAPACITY OR TITLE  DATE  DATE  DATE	The undersigned owner(s) is(are) the owner of th entitled to protection under the provisions of Section 4	nis sexually 12 of the Pla	reproduced or tuber propagated p ant Variety Protection Act.	plant variety, and	believe(s) that the variety is ne	ew, distinct, unifor	ກ, and stable as required in Section 42, and is		
NAME (Please print or type)  Kim Briggs  CAPACITY OR TITLE  DATE  NAME (Please print or type)  LEAD CAPACITY OR TITLE  DATE	Owner(s) is (are) informed that false representati	ion herein d	can jeopardize protection and resu	ilt in penalties,					
Kim Briggs  CAPACITY OR TITLE  DATE  DATE  DATE	SIGNATURE OF OWNER			SIGNA'	URE OF OWNER				
Kim Briggs  CAPACITY OR TITLE  DATE  DATE  DATE	King Brass	)							
CAPACITY OR TITLE DATE CAPACITY OR TITLE DATE	NAME (Please print or type)			NAME :	Please print or type)				
	Kim Briggs						·		
	CAPACITY OR TITLE PVP Specialist			CAPAC	ITY OR TITLE	DATE			
	- made 4***		<u> </u>	L					

GENERAL INSTRUCTIONS: To be effectively filed with the Plant Variety Protection Office (PVPO), ALL of the following items must be received in the PVPO: (1) Completed application form signed by the owner; (2) completed exhibits A, B, C, E, F; (3) for a tuber reproduced variety, verification that a viable (in the sense that it will reproduce an entire plant) tissue culture will be deposited and maintained in an approved public repository; and (4) payment by credit card or check drawn on a U.S. bank for \$4,382 (\$518 filing fee and \$3,864 examination fee), payable to "Treasurer of the United States" (See Section 97.6 of the Regulations and Rules of Practice). NEW: With the application for a seed reproduced variety or by direct deposit soon after filing, the applicant must provide at least 3,000 viable untreated seeds of the variety per se, and for a hybrid variety at least 3,000 untreated seeds of each line necessary to reproduce the variety. Partial applications will be held in the PVPO for not more than 90 days; then returned to the applicant as un-filed. Mail application and other requirements to Plant Variety Protection Office, AMS, USDA, Room 401, NAL Building, 10301 Baltimore Avenue, Beltsville, MD 20705-2351. Retain one copy for your files. All items on the face of the application are self explanatory unless noted below. Corrections on the application form and exhibits must be initialed and dated. DO NOT use masking materials to make corrections. If a certificate is allowed, you will be requested to send a payment by credit card or check payable to "Treasurer of the United States" in the amount of \$768 for issuance of the certificate. Certificates will be issued to owner, not licensee or agent.

**NOTES:** It is the responsibility of the applicant/owner to keep the PVPO informed of any changes of address or change of ownership or assignment or owner's representative during the life of the application/certificate. The fees for filing a change of address; owner's representative; ownership or assignment; or any modification of owner's name is specified in Section 97.175 of the regulations. (See Section 101 of the Act, and Sections 97.130, 97.131, 97.175(h) of the Regulations and Rules of Practice.)

**Plant Variety Protection Office** 

Telephone: (301) 504-5518 FAX:

FAX: (301) 504-5291

General E-mail: PVPOmail@usda.gov

Homepage: http://www.ams.usda.gov/science/pvpo/PVPindex.htm

#200700414

#### SPECIFIC INSTRUCTIONS:

To avoid conflict with other variety names in use, the applicant must check the appropriate recognized authority and **provide evidence** that the permanent name of the application variety (even if it is a parental, inbred line) has been cleared by the appropriate recognized authority before the Certificate of Protection is issued. For example, for agricultural and vegetable crops, contact: U.S. Department of Agriculture, Agricultural Marketing Service, Livestock and Seed Programs, **Seed Regulatory and Testing Branch**, 801 Summit Crossing Place, Suite C, Gastonia, North Carolina 28054-2193 Telephone: (704) 810-8870. http://www.ams.usda.gov/lsg/seed.htm.

#### ITEM

19a. Give:

- (1) the genealogy, including public and commercial varieties, lines, or clones used, and the breeding method;
- (2) the details of subsequent stages of selection and multiplication;
- (3) evidence of uniformity and stability; and
- (4) the type and frequency of variants during reproduction and multiplication and state how these variants may be identified
- 19b. Give a summary of the variety's distinctness. Clearly state how this application variety may be distinguished from all other varieties in the same crop. If the new variety is most similar to one variety or a group of related varieties:
  - (1) identify these varieties and state all differences objectively;
  - (2) attach replicated statistical data for characters expressed numerically and demonstrate that these are clear differences; and
  - (3) submit, if helpful, seed and plant specimens or photographs (prints) of seed and plant comparisons which clearly indicate distinctness.
- 19c. Exhibit C forms are available from the PVPO Office for most crops; specify crop kind. Fill in Exhibit C (Objective Description of Variety) form as completely as possible to describe your variety.
- 19d. Optional additional characteristics and/or photographs. Describe any additional characteristics that cannot be accurately conveyed in Exhibit C. Use comparative varieties as is necessary to reveal more accurately the characteristics that are difficult to describe, such as plant habit, plant color, disease resistance, etc.
- 19e. Section 52(5) of the Act requires applicants to furnish a statement of the basis of the applicant's ownership. An Exhibit E form is available from the PVPO.
- 20. If "Yes" is specified (seed of this variety be sold by variety name only, as a class of certified seed), the applicant MAY NOT reverse this affirmative decision after the variety has been sold and so labeled, the decision published, or the certificate issued. However, if "No" has been specified, the applicant may change the choice. (See Regulations and Rules of Practice, Section 97.103).
- 23. See Sections 41, 42, and 43 of the Act and Section 97.5 of the regulations for eligibility requirements.
- 24. See Section 55 of the Act for instructions on claiming the benefit of an earlier filing date.
- 22. CONTINUED FROM FRONT (Please provide a statement as to the limitation and sequence of generations that may be certified.)
- 23. CONTINUED FROM FRONT (Please provide the date of first sale, disposition, transfer, or use for each country and the circumstances, if the variety (including any harvested material) or a hybrid produced from this variety has been sold, disposed of, transferred, or used in the U.S. or other countries.) Sold domestically on October 19, 2006 to Seedway.
- 24. CONTINUED FROM FRONT (Please give the country, date of filing or issuance, and assigned reference number, if the variety or any component of the variety is protected by intellectual property right (Plant Breeder's Right or Patent).)

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0581-0055. The time required to complete this information collection is estimated to average 1.4 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

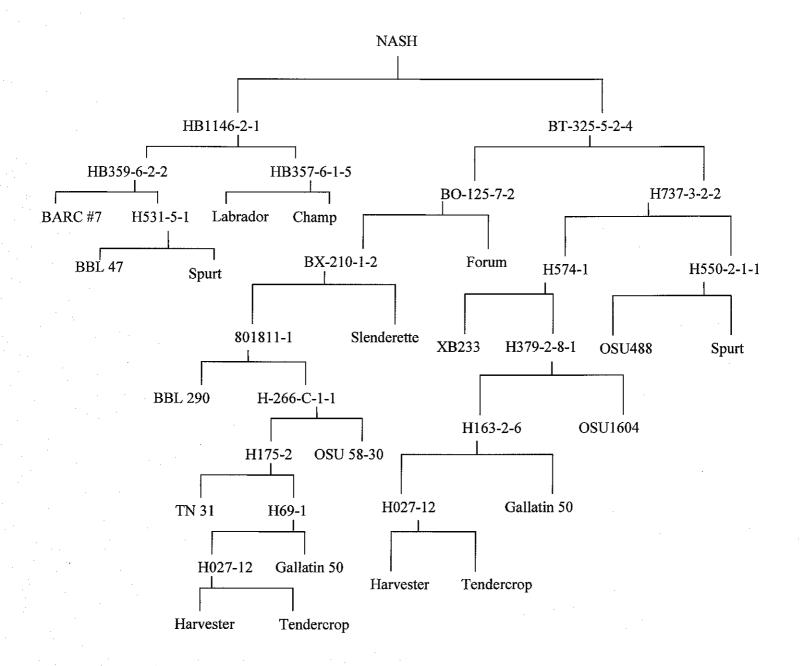
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To file a complaint of discrimination, write to USDA, Director, Office of Civil Rights, 1400 Independence Avenue, S.W., Washington, D.C. 20250-9410, or call (800) 795-3272 (voice) or (202) 720-6382 (TDD). USDA is an equal opportunity provider and employer.

# Exhibit A Origin and Breeding History 'Nash'

Garden bean cultivar Nash originated from a hand-pollinated cross between Syngenta Seeds, Inc. breeding lines HB1146-2-1 and BT-325-5-2-4. HB359-6-2-2, HB357-6-1-5, Champ, BO-125-7-2, H737-3-2-2, H531-5-1, BX-210-1-2, Forum, H574-1, H550-2-1-1, 801811-1, H379-2-8-1, BBL 290, H-266-C-1-1, H 163-2-6, H175-2, TN 31, H69-1, H027-12, and Gallatin 50 are Syngenta Seeds, Inc. breeding and commercial lines. OSU488, OSU1604, OSU58-30 are breeding lines developed by Oregon State University. BBL 47, Labrador, Spurt, and Harvester are commercial varieties and XB233 is an experimental variety developed by Seminis Inc. Slenderette is a variety developed by Charter Seed Company. Tendercrop and BARC #7 are a varieties developed by USDA.

Mass selection method of breeding was followed during F2 and F3 to accumulate the traits of upright bush habit, medium-dark straight pods (suitable for fresh and processing), and yield. The pedigree method of selection was applied in F4 and F5 for the traits of maturity and four sieve diameter pods. The F6 generation was bulk harvested to supply a seed source for further increases. Nash has been uniform and genetically stable for five generations of increases from the original F7, being free of off-types and variants



Nash - Exhibit A - page 24

# Exhibit B Statement of Distinctness 'Nash'

Garden bean cultivar Nash is a bush snap bean suitable for fresh and processing markets and can be compared to the variety Dusky. Garden bean cultivar Nash and Dusk are significantly different in four-sieve pod width and depth when grown in Idaho and Minnesota in year 2005. Dusky has a larger four-sieve pod width and depth measurement on average than Nash. Four-sieve pod width for Dusky was 8.72 mm and NASH was 8.30 mm in Minnesota. In Idaho Dusky (9.48 mm) was an average of 0.6 mm greater in four-sieve pod width than Nash (8.84 mm). Dusky four-sieve pod depth was 9.13 in Minnesota and 9.6 in Idaho whereas Nash was 8.24 and 7.96, respectively.

The values for four sieve pod width (mm), and four sieve pod depth (mm), are based on average measurements made in Minnesota and Idaho in 2005. Twenty plants of each cultivar were measured for plant height and spread. Data was collected on pods harvested from 100 plant plots of each cultivar. Twenty random samples from the four-sieve pod sub-sample were measured for pod width and depth.

Explanation of statistical analysis variables used in the following attachments.

```
S4PWNMN
            = Four-Sieve Pod Width (mm), NASH, Minnesota
S4PWDMN
            = Four-Sieve Pod Width (mm), Dusky, Minnesota
S4PDNMN
            = Four-Sieve Pod Depth (mm), NASH, Minnesota
S4PDDMN
            = Four-Sieve Pod Depth (mm), Dusky, Minnesota
S4PWNID
            = Four-Sieve Pod Width (mm), NASH, Idaho
S4PWDID
            = Four-Sieve Pod Width (mm), Dusky, Idaho
            = Four-Sieve Pod Depth (mm), NASH, Idaho
S4PDNID
S4PDDID
            = Four-Sieve Pod Depth (mm), Dusky, Idaho
```

Descriptive Statistics using Statistix 8.0

Variable	N	Mean	SD	Minimum	Maximum
S4PWNMN	20	8.30	0.44	7.29	9.25
S4PWDMN	20	8.72	0.39	8.03	9.54
S4PDNMN	20	8.24	0.46	7.43	9.31
S4PDDMN	20	9.13	0.41	8.52	9.90
S4PWNID	20	8.84	0.57	7.90	10.49
S4PWDID	20	9.48	0.47	8.31	10.34
S4PDNID	20	7.96	0.64	6.85	8.91
S4PDDID	20	9.61	0.46	8.50	10.28



One-way AOV and LSD Test for: S4PWNMN S4PWDMN using Statisix 8.0

 Source
 DF
 SS
 MS
 F
 P

 Between
 1
 1.82756
 1.82756
 10.4
 0.0026

 Within
 38
 6.66704
 0.17545
 0.17545

 Total
 39
 8.49460
 0.17545

Grand Mean 8.5147 CV 4.92

Chi-Sq DF P
Bartlett's Test of Equal Variances 0.26 1 0.6076
Cochran's Q 0.5595
Largest Var / Smallest Var 1.2700

Component of variance for between groups 0.08261 Effective cell size 20.0

Variable Mean
S4PWNMN 8.3010
S4PWDMN 8.7285
Observations per Mean 20
Standard Error of a Mean 0.0937
Std Error (Diff of 2 Means) 0.1325

#### LSD All-Pairwise Comparisons Test

Variable Mean Homogeneous Groups S4PWDMN 8.7285 A S4PWNMN 8.3010 B

Alpha 0.05 Standard Error for Comparison 0.1325 Critical T Value 2.024 Critical Value for Comparison 0.2681 All 2 means are significantly different from one another.

One-Way AOV and LSD Test for: S3PDNMN S4PDDMN using Statisix 8.0

 Source
 DF
 SS
 MS
 F
 P

 Between
 1
 8.0013
 8.00130
 40.7
 0.0000

 Within
 38
 7.4630
 0.19639

 Total
 39
 15.4643

Grand Mean 8.6898 CV 5.10

Chi-Sq DF P
Bartlett's Test of Equal Variances 0.23 1 0.6290
Cochran's Q 0.5560
Largest Var / Smallest Var 1.2521

Component of variance for between groups 0.39025 Effective cell size 20.0

Nash Exhibit B W

Variable Mean
S4PDNMN 8.2425
S4PDDMN 9.1370
Observations per Mean 20
Standard Error of a Mean 0.0991
Std Error (Diff of 2 Means) 0.1401

#### **LSD All-Pairwise Comparisons Test**

Variable Mean Homogeneous Groups S4PDDMN 9.1370 A S4PDNMN 8.2425 B

Alpha 0.05 Standard Error for Comparison 0.1401 Critical T Value 2.024 Critical Value for Comparison 0.2837 All 2 means are significantly different from one another.

One-Way AOV and LSD Test for: S4PWNID S4PWDID using Statisix 8.0

One-Way AOV for: S4PWNID S4PWDID

 Source
 DF
 SS
 MS
 F
 P

 Between
 1
 4.0768
 4.07682
 14.6
 0.0005

 Within
 38
 10.5755
 0.27830
 0.27830
 0.27830

 Total
 39
 14.6523
 0.27830
 0.27830
 0.27830

Grand Mean 9.1622 CV 5.76

Chi-Sq DF P
Bartlett's Test of Equal Variances 0.65 1 0.4199
Cochran's Q 0.5929
Largest Var / Smallest Var 1.4565

Component of variance for between groups 0.18993 Effective cell size 20.0

Variable Mean
S4PWNID 8.8430
S4PWDID 9.4815
Observations per Mean 20
Standard Error of a Mean 0.1180
Std Error (Diff of 2 Means) 0.1668

#### LSD All-Pairwise Comparisons Test

Variable Mean Homogeneous Groups S4PWDID 9.4815 A S4PWNID 8.8430 B

Alpha 0.05 Standard Error for Comparison 0.1668 Critical T Value 2.024 Critical Value for Comparison 0.3377 All 2 means are significantly different from one another.

One-Way AOV and LSD Test for: S4PDNID S4PDDID using Statisix 8.0

 Source
 DF
 SS
 MS
 F
 P

 Between
 1
 27.1920
 27.1920
 86.4
 0.0000

 Within
 38
 11.9596
 0.3147

 Total
 39
 39.1516

Grand Mean 8.7905 CV 6.38

Chi-Sq DF P
Bartlett's Test of Equal Variances 2.05 1 0.1526
Cochran's Q 0.6617
Largest Var / Smallest Var 1.9561

Component of variance for between groups 1.34386 Effective cell size 20.0

Variable Mean
S4PDNID 7.9660
S4PDDID 9.6150
Observations per Mean 20
Standard Error of a Mean 0.1254
Std Error (Diff of 2 Means) 0.1774

#### LSD All-Pairwise Comparisons Test

Variable Mean Homogeneous Groups S4PDDID 9.6150 A S4PDNID 7.9660 B

Alpha 0.05 Standard Error for Comparison 0.1774 Critical T Value 2.024 Critical Value for Comparison 0.3591 All 2 means are significantly different from one another. REPRODUCE LOCALLY. Include form number and date on all reproductions.

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U.S. DEPARTMENT OF AGRICULTURE AGRICULTURAL MARKETING SERVICE SCIENCE AND TECHNOLOGY PLANT VARIETY PROTECTION OFFICE BELTSVILLE, MD 20705

Exhibit C

**OBJECTIVE DESCRIPTION OF VARIETY** 

•	Garden Bean ( <i>Phaseolu</i>	s vuigaris L.)	
NAME OF APPLICANT (S)	TEMPORARY OR EXPERIMENTAL DESIGNA	ATION VARIET	TY NAME
Syngenta Seeds, Inc	•		Vash
ADDRESS (Street and No. or RD No., City, State, Zip Code, and Co	ountry)	FOR O	FFICIAL USE ONLY
600 North Armstron	9 PI.	PVPO I	NUMBER
Boise, ID 8370	04 USA		#200700414
PLEASE READ ALL INSTRUCTIONS CAREFULLY	•		
Place the appropriate number that describes the varie when number is either 99 or less or 9 or less respecti data should be determined from varieties centered in Horticultural Society or any recognized color standard Please answer all questions for your variety; lack of re-	vely. Data for quantitative plant chara the same trial. Measured data should may be used to determine plant colo	cters should be based on the for SPACED PLANTS rs; designate system used	a minimum of 100 plants. Comparative Ranges should also be given. Royal
1. TYPE:  1 = Garden 2 = Flageolet 3 =	= Romano		
2. MARKET MATURITY:  56 Days to Edible Pods  W/A Heat Units to Edible Pods  O 9 Number of Days Earlier Than  Same As  Number of Days Later Than	Comparison Variety	Comparison Varieties  1 = Tender crop 3 = Gold rush 5 = Gitana 7 = Bush Blue Lake 290 8 = Other (Specify Below)	2 = Kentucky Wonder 4 = Slenderette 6 = Provider  Bronco
4 = Indeterminate Climb	Weak and Prostrate Stem and Branch bing Habit with Weak, Long, and Twis of the same as parison Variety (1-8) in S	ec. 2. Use Compariso	comparison Varieties on Varieties from Section 2 comparison Varieties

		· · · · · · · · · · · · · · · · · · ·	/ / / U =	21/
3. PLANT: (continued)				
21 cm Spread				
05 cm Narrow	er Than			
Same Widt			<u>Use Comparison Varie</u>	ties from Section 2
cm Wider T	Than $\longrightarrow No+V$	vider than an	λ.	
Pod Position:	1 = Low 2 = High 3 = Scatte	ered		
2 Bush Form (Illus	strated Below)			Ma es
,	_			
4820				
The state of the s		A A		
The state of the same of the s		1	1777	
4 - Suborinal Ru	ich Form	Bush Form	2 - Mida Duah Farm	4 = High Bush Form
1 = Spherical Bu 5 = Other (Speci		Buşli Folfii	3 = Wide Bush Form	4 = nigri busit rottii
3 - Other (Opecin				
4. LEAVES:				
Surface: 1	= Dull 2 = Glossy	3 = Indeterminate		
<b>2</b> Size: 1	= Small (Gitana) 2 = Mediu	m 3 = Large (Tender	Crop)	
	= Light Green (as Light or Lighter = Medium Green	than Gold Rush)		
	= Dark Green (as Dark or Darker	than Bush Blue Lake 290)		
5. ANTHOCYANIN PIGME	ENT: (1 = Absent	2 = Present)		
Flowers	Stems	Pods	Seeds	
/ Leaves	Petioles	Peduncles	Nodes	
6. FLOWER COLOR AND				
Color of Standard		Flower Color Choices 1 = White 2 = Cream		
Color of Wings	:	3 = Pink 4 = Lilac 5 = Purple 6 = Blue		
Color of Keel		7 = Other (Specify)		
35 Days to 50% Blo	oom 			
7. PODS (Edible Maturity):	•			
2 Exterior Color:	1 = Light Green (as I 2 = Medium Green	Light or Lighter than Provider	1	
(Fresh)	3 = Dark Green (as I 4 = Yellow (Gold Rus	Dark or Darker than Bush Blu	e Lake 290)	
	5 = Green-red Varies 6 = Other (Specify)			
2 Processed Pods		Tender Crop) 2 = Dark	(Bush Blue Lake 290)	_
Processed Fous (	(Exterior Color). 1 = Light (		n Bossistant Chlorophyll (Hystyle)	•

7. PODS (continued):



Cross Section Pod Shape: (Middle of the Pod)



2 = Heart (Pear)

3 = Round

4 = Figure Eight







Crease Back:

1 = Present

2 = Absent

Pubescence:

1 = None (Slenderette)

2 = Sparse

3 = Considerable (Provider or Sprite)

Constriction (Interlocular Cavitation):

1 = None 2 = Slight 3 = Deep

mm Spur Length

Fiber:

1 = None (Bush Blue Lake 290)

2 = Sparse

3 = Considerable (Sprite)

2622

Number of Seeds per Pod

Suture String:

1 = Present

2 = Absent

Seed Development: 1 = Slow (Bush Blue Lake 290)

2 = Medium

3 = Fast (Provider)

Machine Harvest: 1 = Adapted

2 = Not Adapted

Percent sieve size distribution at optimum maturity for not-flat pods

4.76 to 5.76mm		n	5.76 to 7.34mm		7.34 to 8.34mm		8.34 to 9.53mm		9.53 to10.72 mm		>10.72mm		
	9	%		28	%	26	%	36	%	/	%	0	%
-3 Sieve			/3	cm Len	gth		07	mm width	•	0 7 Tota	al mm Thickne	ess	
4 Sieve			14	cm Len	gth		08	mm width		<b>08</b> Tota	al mm Thickne	ess	
. 5 Sieve			16	cm Len	gth		08	mm width		08 Tota	al mm Thickne	ess	
6 Sieve				cm Len	gth			mm width		Tota	al mm Thickne	ess	

#### 8. SEED COLOR:

Primary Color:

Seed Coat Luster: 1 = Shiny 2 = Dull 3 = Semi-Shiny

2 = Polychrome

4 = Variable

Seed Coat:

1 = Monochrome

2 = Yellow

3 = Buff

4 = Tan

5 = Brown

6 = Pink

8 = Purple

Secondary Color: 1 = White

9 = Blue

1 = White

10 = Black 2 = Yellow

10 = Black

11 = Other

5 = Brown

7 = Red

7 = Red

7 = Red

9 = Blue

Seed Coat Pattern: 1 = Solid

Hilar Ring Color: 1 = White

11 = Other

4 = Tan

6 = Pink

6 = Pink

8 = Purple

1 = Splashed

3 = Mottled

4 = Striped

4 = Tan

5 = Flecked

6 = Dotted

Hilar Ring:

1 = Absent

2 = Present 2 = Yellow

10 = Black

11 = Other

3 = Buff

3 = Buff

5 = Brown

8 = Purple

9. SEED SHAPE AND SIZE:



Hilum View:



1 = Elliptical



2 = Oval



3 = Round

Cross Section:

1 = Elliptical

2 = Oval

3 = Cordate

4 = Round

9. SE	ED SHAPE AND SIZE: (continued)
1	Side View:
,	
	1 = Oval to Oblong 2 = Round 3 = Reniform
2	gm/100 Seeds \
3	$\overline{f x}$
0	6 gm/100 Seeds Lighter Than Not the same as any.
	gm/100 Seeds Same As — Comparison Variety
0	gm/100 Seeds Heavier Than 5
10. DI	SEASE RESISTANCE: 0 = Not Tested 1 = Susceptible 2 = Resistant 3 = Intermediate 4 = Tolerant
0	Anthracnose (Colletotrichum lindemuthianum)
	Race Alpha Race Beta Race Gamma
	Race Kappa Specify Race
0	Bean Rust (Uromyces appendiculatus)
	Race 38 Race 39 Race 40 Race 44
	Race 45 Race 46 Race 49 Race 50
	Race 51 Race 52 Race 54 Race 56
	Race 59 Specify Race
0	Powdery Mildew (Ersiphe polygoni)
0	Fusarium Root Rot ( <i>Fusarium solani</i> f. sp. <i>phaseoli</i> )
0	Pythium Root Rot ( <i>Pythium</i> spp.)
0	Aphanomyces Root Rot ( <i>Aphanomyces euteiches</i> )
0	
==	Rhizoctonia Root Rot ( <i>Rhizoctonia solani</i> )
0	Pythium Blight or Aereal Pytium ( <i>Pythium ultimum</i> )
0	Angular Leaf Spot (Isariopsis griseola)
0	Bacterial Wilt (Corynebacterium flaccumfaciens subsp. flaccumfaciens)
- [7]	Bacterial Brown Spot ( <i>Pseudomonas syringae</i> pv. s <i>yringae</i> )
0	
7	Common Bacterial Blight ( <i>Xanthomonas campestris</i> pv. <i>phaseoli</i> )
Ų.	Halo Blight (Pseudomonas <i>syringae</i> pv. <i>phaselicola</i> )
	Race 1 Race 2
0	Clover Yellow Vein Virus (CYVV)
	Bean Common Mosaic Virus (BCMV)
J	2 BV1 2 NY15 0 NL2 0 NL3
	U   NL4   U   NL8   U   Florida   U   Idaho
	<u>U</u> Mexican <u>U</u> Western <u>U</u> Type
	Other (Specify) Dominant   Gene Resistance Seed Transmission
0	Yellow Bean Mosaic Virus (BYMV)
4	Curly Top Virus (BCTV)
	Other (Specify Disease and Race or Strain
	· · · · · · · · · · · · · · · · · · ·

11.	INSE	CT RESISTANCE: 0 = Not T	ested 1 = Susceptible	2 = Re	esistant 3 = Intermediate 4 = Tolerant
	0	Aphid		0	Root Knot Nematode
	0	Leafhopper		0	Seed Corn Maggot
	0	Lygus		0	Thrips
	0	Pod Borer		0	Weevils
		Other (Specify)			
12.	PHY	SIOLOGICAL RESISTANCE:	0 = Not Tested 1 = St	usceptib	ole 2 = Resistant 3 = Intermediate 4 = Tolerant
	0	Heat •	Cold	0	Drought
	0	Air Pollution	Ozone		
		Other (Specify)			

13. COMMENTS:

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U.S. DEPARTMENT OF AGRICULTURE AGRICULTURAL MARKETING SERVICE  EXHIBIT E  STATEMENT OF THE BASIS OF OWNERSHIP	Application is required in order to detect certificate is to be issued (7 U.S.C. 24 confidential until the certificate is issued)	21). The information is held					
1. NAME OF APPLICANT(S)	2. TEMPORARY DESIGNATION	3. VARIETY NAME					
Syngenta Seeds, Inc.	OR EXPERIMENTAL NUMBER	Nash					
4. ADDRESS (Street and No., or R.F.D. No., City, State, and ZIP, and Country)	5. TELEPHONE (include area code)	6. FAX (Include area code)					
600 North Armstrong Place Boise, ID 83704	208-465-8522	208-467-4559					
B013C, 1D 00704	7. PVPO NUMBER						
	#200	700414					
8. Does the applicant own all rights to the variety? Mark an "X" in the	e appropriate block. If no, please explai	n. YES NO					
9. Is the applicant (individual or company) a U.S. national or a U.S. b	ased company? If no, give name of co	ountry. YES NO					
10. Is the applicant the original owner?  YES	NO If no, please answer <u>one</u> o	of the following:					
a. If the original rights to variety were owned by individual(s), is (	are) the original owner(s) a U.S. Nationa  NO If no, give name of country						
b. If the original rights to variety were owned by a company(ies), is (are) the original owner(s) a U.S. based company?  YES  NO  If no, give name of country							
Nash was bred and developed by plant breeds agreement between the employee and Synger or development made by the employee while syngenta Seeds, Inc., with no rights retained by	ers employed by Syngenta nta Seeds, Inc., all rights to employed by Syngenta See	Seeds, Inc. By any invention, discovery					
PLEASE NOTE:	,						
Plant variety protection can only be afforded to the owners (not licens	sees) who meet the following criteria:						
<ol> <li>If the rights to the variety are owned by the original breeder, that penational of a country which affords similar protection to nationals of</li> </ol>							
<ol><li>If the rights to the variety are owned by the company which employ nationals of a UPOV member country, or owned by nationals of a c genus and species.</li></ol>							
3. If the applicant is an owner who is not the original owner, both the	original owner and the applicant must m	eet one of the above criteria.					
The original breeder/owner may be the individual or company who dir Act for definitions.	rected the final breeding. See Section 4	1(a)(2) of the Plant Variety Protection					
According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, control number. The valid OMB control number for this information collection is 0581-0055. including the time for reviewing the instructions, searching existing data sources, gathering a The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and a status, familial status, parental status, religion, sexual orientation, genetic information, political program (Not all prohibited bases apply to all programs.) Persons with disabilities who require should contact USDA's TARGET Center at (202) 720-2600 (voice and TDD).	The time required to complete this information collect ind maintaining the data needed, and completing and ctivities on the basis of race, color, national origin, ag- al beliefs, reprisal, or because all or part of an individu	ion is estimated to average 0.1 hour per response, reviewing the collection of information.  e, disability, and where applicable, sex, marital halfs income is derived from any public assistance					

To file a complaint of discrimination, write to USDA, Director, Office of Civil Rights, 1400 Independence Avenue, S.W., Washington, D.C. 20250-9410, or call (800) 795-3272 (voice) or (202) 720-6382 (TDD). USDA is an equal opportunity provider and employer.

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To file a complaint of discrimination, write USDA, Director, Office of Civil Rights, Room 326-W, Whitten Building, 14th and Independence Avenue, SW, Washington, DC 20250-9410 or call 202-720-5964 (voice and TDD). USDA is an equal opportunity provider and employer.

U.S. DEPARTMENT OF AGRICULTURE AGRICULTURAL MARKETING SERVICE SCIENCE AND TECHNOLOGY PLANT VARIETY PROTECTION OFFICE BELTSVILLE, MD 20705

EXHIBIT F

	DECLARATION REGARDING DEPOSIT			
NAME OF OWNER (S)	ADDRESS (Street and No. or RD No., City, State, and Zip Code and Country)	TEMPORARY OR EXPERIMENTAL DESIGNATION		
Syngenta Seeds, Inc.	600 North Armstrong Place			
	Boise, ID 83704	VARIETY NAME		
·		Nash		
NAME OF OWNER REPRESENTATIVE (S)	ADDRESS (Street and No. or RD No., City, State, and Zip Code and Country)	FOR OFFICIAL USE ONLY		
Kim Briggs	6338 Highway 20-26 Nampa, ID 83687 USA	# <b>2</b> 00700414		
		I		

I do hereby declare that during the life of the certificate a viable sample of propagating material of the subject variety will be deposited, and replenished as needed periodically, in a public repository in the United States in accordance with the regulations established by the Plant Variety Protection Office.

n original

Date

8-15-07